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NBSTSA Certification Exam Test Bank| Questions and Verified Answers with Rationales (2023/ 2024 Latest Update)- 100% Correct

Q: If cultures cannot be immediately transported from the surgery department to pathology, they should be:
A. Placed in an incubator
B. Placed in a refrigerator
C. Kept at room temperature
D. Submerged in media

Answer:
B. Placed in a refrigerator
•If the cultures are not immediately transported to the pathology department, they should be placed in a refrigerator.

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Q: In terms of transmitting an infection, what is a fomite?
A. Microorganism
B. Inanimate object
C. Parasite
D. Active carrier

Answer:
B. Inanimate object
•A fomite is an inanimate object that is not in itself harmful, but able to harbor pathogenic organisms, thus serving as an agent for transmission of infection.

Q: When positioning the patient for a cesarean section, where is the bolster placed and why?
A. Right side; relieve pressure on vena cava
B. Left side; relieve pressure on abdominal aorta
C. Pelvis; relieve pressure on sciatic nerve
D. Lumbar region; relieve pressure on lumbar nerves

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Answer:
A. Right side; relieve pressure on vena cava
•The patient is placed in the supine position with a bolster placed under the right side to prevent excessive pressure on the inferior vena cava.

Q: The conducting fibers that extend from the AV node to the interventricular septum form the:
A. SA node
B. Bundle of his
C. Vagus bundle
D. Left bundle branch

Answer:
B. Bundle of His
•The conducting fibers that run from the AV node down the interventricular septum is referred to as the bundle of his.

Q: Items that are impenetrable to X-rays are described as:
A. Radiotransparent
B. Radioactive
C. Radioresistant
D. Radiopaque

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Answer:
D. Radiopaque
•Items that do not allow passage of x-rays are referred to as radiopaque. Examples include contrast media and radiopaque strip on sterile sponges.

Q: During surgical rotation, the skills of a surgical technology student may be evaluated by the:
A. Certified nurse assistant
B. Surgical technologist preceptor
C. Director of nursing
D. Anesthesia provider

Answer:
B. Surgical technologist preceptor

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•At teaching healthcare facilities where surgical technology students complete rotation, CST's who have an interest in teaching and working with adult learners serve in the preceptor role.

Q: During a TRAM procedure, which is used to identify and preserve the superior epigastric arteries?
A. C-arm
B. Doppler
C. Echocardiography
D. Angiography

Answer:
B. Doppler
•A sterile Doppler probe will be used to identify the superior and inferior Epigastric arteries; the superior vessels must be preserved.

Q: Which of the following should be accomplished when preparing an esmarch bandage for sterilization?
A. Folded in layers
B. Layer of webril rolled with bandage
C. Tightly rolled
D. Unfolded mound wrapped in green towel

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Answer:
B. Layer of Webril rolled with bandage
•Rubber or silastic items should not be folded, tightly rolled or placed in a mound because steam will either not penetrate or displace the air. The esmarch bandage should be loosely rolled with a layer of webril in between.

Q: Which of the following is the correct order of the layers of the colon?
1. Serosa
2. Submucosa
3. Muscularis
4. Mucosa
A. 3, 1, 4, 2
B. 1, 2, 4, 3
C. 4, 2, 3, 1
D. 2, 4, 1, 3

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Answer:
C. 4, 2, 3, 1
•The correct order of the 4 layers of the colon are mucosa, Submucosa, Muscularis, serosa.

Q: Air or fluid accumulation due to poorly approximated wound edges could result in:
A. Evisceration
B. Proud flesh
C. Ischemia
D. Dead space

Answer:
D. Dead space
•Dead space is the space caused by separation of wound edges and leads to that accumulation of air or fluid which can then lead to a surgical site infection.

Q: What is the first step of opening a small, sterile wrapped package when establishing the sterile field?
A. Open all flaps simultaneously
B. Open first flap towards self
C. Open first flap away from self
D. Open side flaps

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Answer:
C. Open first flap away from self
•The first step in opening a sterile package is to open the first flap away from the body, side flaps next and last flap toward body.

Q: Which surgical approach is often used for a craniotomy for aneurysm repair?
A. Temporolateral
B. Transphenoidal
C. Posterior fossa
D. Frontotemporal

Answer:

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